



Department of
Toxic Substances
Control

245 West Broadway,
Suite 425
Long Beach, CA
90802-4444

February 20, 1997



M60050_004165
MCAS EL TORO
SSIC NO. 5090.3.A

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Joseph Joyce
BRAC Environmental Coordinator
U.S. Marine Corps Air Station - El Toro
P. O. Box 95001
Santa Ana, California 92709-5001

**COMMENTS ON DRAFT PHASE II REMEDIAL INVESTIGATION/FEASIBILITY
STUDY REPORT FOR SITE 25, MAJOR DRAINAGES, OPERABLE UNIT (OU)-2A,
MARINE CORPS AIR STATION (MCAS) EL TORO**

Dear Mr. Joyce:

The Department of Toxic Substances Control (DTSC) and the Santa Ana Regional Water Quality Control Board (RWQCB) have completed the review of the above subject document dated January 21, 1996, prepared by Bechtel National, Inc. The report presents the results of remedial investigation conducted at Site 25, the Major Drainages designated as one of two sites in OU-2A. Site 25 was once thought to be a potential source of the regional groundwater volatile organic compound contamination.

This letter is to transmit the enclosed RWQCB comments dated February 5, 1997. Please provide the revisions to the report addressing RWQCB's comments by March 20, 1997. If you have any questions, please call me at (562) 590-4891.

Sincerely,

Tayseer Mahmoud
Remedial Project Manager
Office of Military Facilities
Southern California Operations

Enclosure

cc: Mr. Glenn Kistner, SFD-8-2
Remedial Project Manager
U. S. Environmental Protection Agency
Region IX
Federal Facilities Cleanup Office
75 Hawthorne Street
San Francisco, California 94105-3901



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Mr. Joseph Joyce
February 20, 1997
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cc: Mr. Lawrence Vitale
Remedial Project Manager
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Mr. Pat Brooks
Bechtel National, Inc.
401 West A street, Suite 1000
San Diego, California 92101-7905

Mr. Andy Piszkin
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division, Code 1831.AP
1220 Pacific Highway
San Diego, California 92132-5187

Memorandum

To:

Tayseer Mahmoud
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, CA 90802-4444

Date: February 5, 1997

From:

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - SANTA ANA REGION
2010 IOWA AVENUE, SUITE 100, RIVERSIDE, CALIFORNIA 92507-2409
Telephone: CALNET 632-4130 Public (909) 782-4130

Subject:

DRAFT PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY
ADDENDUM SITE 25 - MAJOR DRAINAGES, MARINE CORPS AIR STATION
EL TORO

We have reviewed the subject document dated January 21, 1997 and received by us on January 22, 1997. In general, we agree with the report findings and conclusions. However, we have the following comments:

Executive Summary

1. Page ES-1

The second paragraph states that Site 25 was once thought to be a source of regional groundwater VOC contamination but the draft Final Phase II RI for Site 24 demonstrated that Site 24 was the source of groundwater contamination, not Site 25. Based on this scenario, please explain the objective for this RI/FS addendum for Site 25.

2. Page ES-3 Subsurface Soil

A Phase I soil sample collected beneath Agua Chinon had a reported concentration of 131,000 mg/kg TPH as gasoline and 15,300 mg/kg TPH as diesel at a depth of 17 feet below ground surface. The report states that the TPH contamination has been delineated vertically and horizontally. Please explain what if any action was taken to remediate the contamination.

Section 8, Conclusions

3. Page 8-2, Surface Water

The first paragraph states, "Results from surface water sampling indicate that there is no significant Station contribution beyond what is expected in an urban environment."

Draft Phase II RI/FS Addendum
Site 25, Major Drainages

February 5, 1997

Also, " These low concentrations are typical of storm water runoff from parking lots and roadways." Please provide the source of information used to characterize the expected runoff from a "urban environment" and "typical" stormwater runoff from parking lots and roadways.

If you have any questions, please call me at 909-782-4998.

Lawrence Vitale
Lawrence Vitale
DoD. Section